

# California OES Weather Threat Briefing

November 13, 2018  
9:00 AM PST

- **Day 1 Primary Hazards:** A strong Santa Ana wind event will create very critical fire weather conditions across the Southern Region of California.

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National Weather Service  
*Western Region Headquarters  
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Salt Lake City, UT*



# Key Points

11/13/18 - 11/19/18

## Tuesday - Wednesday

- A strong Santa Ana wind event will continue across much of the Southern Region. Combined with the very dry conditions, this will lead to very critical fire weather across the area. Winds on Wednesday will be weaker than the Tuesday peak, but critical conditions will persist.
- Winds in the Coastal and Inland Regions will be significantly lighter, but elevated fire weather conditions will persist through the week with very dry relative humidity.

## Thursday - Monday

- The Santa Ana winds should largely subside by Thursday, but elevated fire weather conditions will persist through the rest of the week. No precipitation is currently expected through Monday, though relative humidities may finally begin to increase Monday.

## All Days

- Widespread poor air quality due to smoke likely to continue.



# California Weather Impacts

11/13/18 - 11/19/18

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
Non-Thunderstorm Damaging Winds	Southern	Southern					
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Southern	Southern	All Regions	All Regions	All Regions	All Regions	
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

# Inland and Coastal Regions Summary

- Other than occasional breezy conditions, winds should be lighter through the rest of this week; however, conditions will remain very dry with above normal temperatures, so elevated fire weather conditions will persist through the week.
- Widespread poor air quality due to smoke will likely continue through the week.



# Southern Region Summary

- Strong Santa Ana winds will continue today.
- **Wind speeds**
  - Sustained winds 20-35 mph with gusts 45-55 mph are generally expected
  - Higher gusts up to 60-75+ mph possible in the mountains and other prone locations
- **Relative Humidity**
  - Extremely dry: 3-10 percent, with poor overnight recoveries
- Critical fire weather conditions will persist into Wednesday, though sustained speeds and gusts will likely be about 10-15 mph weaker than the numbers listed above.
- After winds decrease late Wednesday, elevated fire weather conditions will linger through the week.

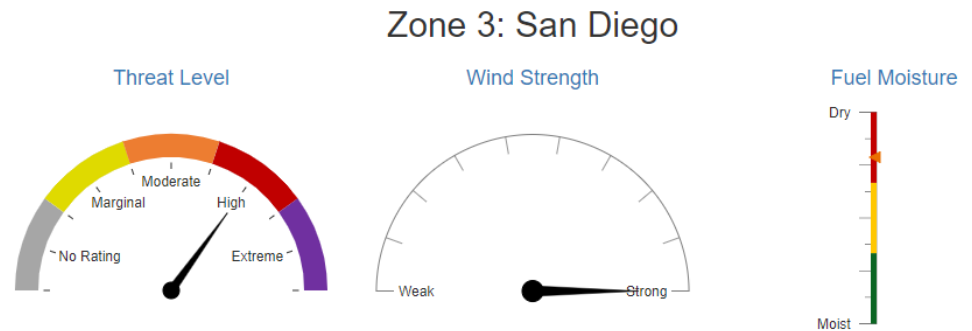


# Santa Ana Wildfire Threat Index

**Strong Santa Ana event across southern California continuing.**

<https://fsapps.nwcg.gov/psp/sawti>

<b>NO RATING</b>	Winds are either not expected, will not contribute to significant fire activity.
<b>MARGINAL</b>	Upon ignition, fires may grow rapidly.
<b>MODERATE</b>	Upon ignition, fires will grow rapidly and will be difficult to control.
<b>HIGH</b>	Upon ignition, fires will grow very rapidly, will burn intensely, and will be very difficult to control.
<b>EXTREME</b>	Upon ignition, fires will have extreme growth, will burn very intensely, and will be uncontrollable.



Zones	Tue/Nov 13	Wed/Nov 14	Thu/Nov 15
Zone 1: LA-Ventura	MODERATE	MARGINAL	NO RATING
Zone 2: Orange-Inland Empire	MODERATE	MARGINAL	NO RATING
Zone 3: San Diego	HIGH	MODERATE	NO RATING
Zone 4: Santa Barbara	NO RATING	NO RATING	NO RATING

# Experimental Near Surface Smoke Forecast



5pm Tuesday Forecast

Near Surface Smoke

Light

Heavy

San Francisco

Las Vegas

Los Angeles

Experimental



# 6-10 Day Outlook

## **Temperatures**

- Above normal temperatures likely for the entire state

## **Precipitation**

- Above normal precipitation is favored for most of the state

# 8-14 Day Outlook

## **Temperatures**

- Above normal temperatures favored across the state

## **Precipitation**

- Above normal precipitation favored across the state





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